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Street
Vol. 121 in
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-1909

UNIVERSITY of ILLINOIS

[Bulletins 176 to 186 constitute the Report for 1910. In binding, pages i-xii at the end of this bulletin should be detached and placed before Bulletin 176, which begins with page 1]

Maine Agricultural Experiment Station

BULLETIN No. 186.

DECEMBER, 1910.

FINANCES, METEOROLOGY, INDEX.

CONTENTS.	PAGE
Meteorological Observations	393
Report of Treasurer	396
Index for 1910	397
Index 1906-1910	404

MAINE AGRICULTURAL EXPERIMENT STATION ORONO, MAINE.

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METEOROLOGICAL OBSERVATIONS.

Lat. $44^{\circ} 54' 2''$ N. Lon. $68^{\circ} 40' 11''$ W. Elevation 150 feet.

The instruments used at this Station are the same as those used in preceding years, and include: Wet and dry bulb thermometers; maximum and minimum thermometers; rain-guage; self-recording anemometer, vane, and barometer. The observations at Orono now form an almost unbroken record of forty-two years.

METEOROLOGICAL SUMMARY FOR 1910.
Observations Made at the Maine Experiment Station.

1910.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Mean.	Total.
Highest temperature.....	53°.0	45°.0	73°.0	71°.0	76°.0	87°.0	91°.0	85°.0	80°.0	78°.0	56°.0	47°.0		
Lowest temperature.....	-17°.0	-23°.0	4°.0	21°.0	26°.0	31°.0	43°.0	38°.0	31°.0	21°.0	15°.0	-18°.0		
Mean temperature.....	22°.35	19°.15	36°.15	47°.15	53°.40	61°.65	69°.20	65°.05	58°.40	48°.40	34°.95	19°.55	44°.62	
Mean temperature for 42 years.....	16°.35	18°.87	28°.20	40°.81	52°.48	61°.96	67°.10	65°.05	57°.53	45°.23	34°.36	20°.58	42°.37	
Total precipitation in inches.....	3.57	3.42	1.91	2.76	1.42	2.70	2.43	3.72	2.79	2.56	1.52	2.88	.....	31.68
Mean precipitation in 42 years.....	4.26	3.86	4.21	2.92	3.44	3.45	3.22	3.44	3.50	3.81	3.63	3.67	.....	43.41
No. of days with precip. of .01 in. or more	8	9	7	15	12	13	8	11	8	12	10	11	.....	124
Snow fall in inches.....	11	23.5	1.0	Trace.	.....	.....	.....	.....	.....	Trace.	4.25	12.50	.....	52.25
Mean snow fall in 42 years.....	22.7	21.2	15.9	5.5	0.23	.....	.....	.....	.....	0.78	7.7	16.8	.....	90.80
Number of clear days.....	11	9	13	10	5	5	13	17	6	8	3	11	.....	111
Number of fair days.....	5	6	5	5	10	10	10	7	12	8	7	6	.....	91
Number of cloudy days.....	15	13	13	15	16	15	8	7	12	15	20	14	.....	163
Total movement of wind in miles.....	5365	5432	5555	5496	5285	4387	4419	3949	4192	5489	5455	4788	.....	59812

Monthly and Annual Precipitation (as rain) for the Year 1910.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bar Harbor.....	3.30	5.40	3.10	5.17	1.75	4.15	1.00	2.65	1.12	1.01	2.00	4.25	34.90
Cornish.....	4.25	5.19	1.76	4.90	1.68	3.39	1.64	3.53	3.40	2.04	2.62	3.42	37.82
Eastport.....	3.80	4.52	1.98	3.42	1.55	1.77	1.92	1.46	1.84	1.85	2.14	3.68	30.86
Fairfield.....	2.19	2.95	1.71	2.37	1.77	1.99	2.26	1.44	2.04	1.10	1.53	2.90	27.27
Farmington.....	3.48	2.97	1.41	4.38	2.16	3.15	3.10	3.94	2.30	1.19	2.31	2.74	33.13
Gardiner.....	3.22	4.30	1.98	4.45	2.03	2.26	1.83	4.53	2.58	2.26	2.70	2.97	35.11
Greenville.....	3.43	3.51	2.18	2.51	4.65	5.31	4.18	3.69	2.77	2.13	3.21	2.64	40.21
Houlton.....	0.95	2.00	1.40	2.65	3.75	2.50	2.17	1.07	0.85	1.65	1.42	0.87	21.29
Lewiston.....	3.44	4.24	1.90	4.16	1.94	2.62	2.40	4.81	2.68	1.69	2.18	3.14	35.20
Madison.....	4.13	2.69	1.91	4.38	2.71	4.19	4.01	3.69	2.95	1.51	2.87	2.99	38.03
Millinocket.....	4.05	3.56	1.66	4.27	2.97	4.37	3.72	2.39	2.61	2.21	2.86	2.96	37.63
North Bridgton.....	3.77	4.48	1.65	4.92	3.20	3.28	1.35	5.72	4.15	3.13	2.51	3.63	41.79
Orono.....	3.57	3.42	1.91	2.76	1.42	2.70	2.43	3.72	2.79	2.56	1.52	2.88	31.68
Patten.....	3.10	3.34	0.93	5.35	6.68	4.27	2.28	2.79	4.63	2.98	2.86	2.73	42.93
Portland.....	2.90	4.84	1.62	4.12	1.65	3.26	1.64	2.79	2.89	1.27	1.85	3.43	32.26
Presque Isle.....	1.89	1.63	0.92	3.49	3.91	2.90	6.38	0.43	3.75	2.87	2.78	1.73	32.18
Rumford Falls.....	3.88	2.68	1.78	4.68	2.83	2.97	2.22	3.51	2.94	1.36	2.28	2.31	33.44
Winslow.....	3.12	2.41	1.86	3.14	2.67	4.10	2.90	5.52	2.51	1.46	2.43	2.78	34.90

With the exception of readings from the Orono station, the above table is compiled from the monthly bulletin of the U. S. Weather Bureau.

REPORT OF TREASURER FOR FISCAL YEAR ENDING JUNE 30, 1910.

RECEIPTS.	Hatch Fund.	Adams Fund.	General Account.	Inspections.*
Balance July 1, 1909.....			\$1,137 83	\$137 49
Treasurer of United States.....	\$15,000 00	\$13,000 00		
State.....				**4,500 00
Sales, etc.....			1,428 72	
Analysis fees.....				687 41
Total.....	\$15,000 00	\$13,000 00	\$2,566 55	\$5,324 90
DISBURSEMENTS.				
Salaries.....	\$6,532 51	\$11,666 19	\$731 06	\$3,826 40
Labor.....	1,282 21	160 00	27 10	
Publications.....	169 17			
Postage and stationery.....	447 32		47 42	126 23
Freight and express.....	402 17	14 42	20 52	38 91
Heat, light and power.....	256 12		337 94	133 33
Chemical supplies.....	38 15			286 23
Seeds, plants and sundry supplies	526 20	436 47	36 26	284 88
Fertilizers.....	358 22			
Feeding stuffs.....	1,096 60	24 19	276 65	
Library.....	616 94	191 32	66 40	
Tools, implements and machinery	535 82		5 45	
Furniture and fixtures.....	806 60	85 63	8 00	
Scientific apparatus.....	445 97	42 89	100 00	9 23
Live stock.....	616 68	5 00	13 54	
Traveling expenses.....	417 73	373 89	2 02	557 10
Contingent expenses.....	115 25		120 00	15 80
Buildings.....	336 34		10 00	
Balance, June 30, 1910.....			764 19	46 79
Total.....	\$15,000 00	\$13,000 00	\$2,566 55	\$5,324 90

* For the six months January 1 to June 30, 1910. Receipts and expenditures do not include what appear on the Station Books as January transactions, the explanation being that these were included in former report under December, 1909, business.

** Due but not paid July 1, 1910.

The classified report does not include \$1,000.00 paid for services and feeding stuffs in poultry investigations by the U. S. Department of Agriculture, nor the annual appropriation of \$4,500 from the State for printing Station publications.

INDEX.

	PAGE
Achatodes zeae	23
Acrobasis rubrifasciella	22
Anaphothrips	30
Ancyclus nubeculana	26
Anopheles	36
Aphid genera in Maine	241
Aphididae	29
Aphids of the elm	193
Apple diseases	337
Apple diseases Alternaria decay	365
Baldwin spot	349
bitter rot	363
Botrytis decay	365
black rot	362
brown rot	364
crotch injury	344
Cylindrosporium fruit spot	356
Endomyces decay	367
frost bands on fruit	344
frost injury of leaves	344
Fusarium decay	366
hail injury	351
Hypochnus decay	366
leaf spot	348
lichens on trees	351
Penicillium of blue mold decay	363
Phoma decay	365
pink rot	364
powdery mildew	361
Rhyzopus decay	368
russeting or spray injury of fruit	346
rust	360
scab	352
sooty blotch and fly speck	358
Sphaeropsis leaf spot	358
stag horn	351
winter injury	341

	PAGE
Apple, diseases of wood	368
bitter rot canker	373
blight (bacterial) canker	374
canker and twig blight	368
Coryneum and Phoma cankers	374
crown gall	375
Cytospora canker	375
Myxosporium canker	373
Sphaeropsis canker	372
Apple leaf sewer	26
non-parasitic diseases	341
orchard sanitation	377
parasitic diseases	352
preparation of sprays	379
Apples, when and how to spray	390
wood-destroying fungi	376
Beetles	39
Birch leaf bucculatrix	24
Bordeaux mixture for apples	380
Brown-tail moth	24
Bucculatrix canadensisella	24
Bumble flower beetles	39
Butterflies and moths	22
Cabbage maggots	38
Carpocapsa pomonella	27
Carpophilus hemipterus	39
Cigar case bearer	26
Coleophora fletcherella	26
Coleoptera	39
Colopha compressa	193
Conotrachelus nenuphar	40
Colopha ulmicola	193, 196
Cornish Indian Game fowls, characteristics	84
Corn, sweet, experiments in breeding	249
production by states	249
Cottony grass scale	28
Ctenophora apicata	32
Crane flies	32
Cresol disinfecting solution	82
soap for disinfecting	83
Culex atropalpus	36
saxatilis	36
Culicidae	36
Currant fruit fly	36
Diacrisia virginica	27
Diptera	30

	PAGE
Diomonus, genus	153
bifasciatus	154
magnificus	155
nebulosus	155
pulcher	156
subcoeruleus	156
Downy psyllid of alder	29
Drosophila busckii	37
Dry mash for laying pullets, composition	69
Dziedzickia, genus	150
fuscipennis	152
pullata	151
Egg production in hybrid and pure bred pullets	100
production of Plymouth Rock pullets	71
triple yolked	122
Elateridae	40
Empalia, genus	149
tibialis	150
Enarmonia prunivora	27
Endomyces from decaying apple	45
coprophilus	47
decipiens	47
Magnusii	47, 55
mali	45
classification	61
cultural characters	48
description of species	63
relation of growth to acids	51
thermal death point	54
meliolincola	47
parasiticus	47
scytonematum	47
Epochra canadensis	36
Eriopeltis festucae	28
Estigmone acreae	27
Eudicrana, genus	129
Eudicrana obumbrata	129
Euphoria inda	39
Fall web-worm	22
False crane flies	35
Forest caterpillars	22
Fowl, domestic, ligaments of the oviduct	1
Frontina archippivora	38
Fruit tree caterpillars	26
Fungus gnats	30
of North America	125
Gall aphids of the elm	193
Garden caterpillars	27

	PAGE
Grape leaf hopper	29
Grass thrips	30
Gypsy moth	24
Hadroneura, genus	152
kincaidi	153
Hemiptera	28
Hen, ligaments of the oviduct	1
Hens, methods of feeding	73
see Poultry	
Heterocampa guttivitta	22
House or typhoid fly	38
Hybrid poultry, see Poultry, hybrid	
Hymenoptera	42
Hyphantria cunea	22
Insect notes for 1909	21
Larch saw flies	42
Lepidoptera	22
Lesser apple worm	27
Lice on poultry, remedy	78
Ligaments of the oviduct of the domestic fowl	1
Lime-sulphur sprays	384
Liquor cresolis compositus	82
Lophyrus abietis	42
Mastopoda pteridis	246
Meteorological observations	393
Microparsus variabilis	30
Mindarus abietinus	242
Monoclona elegantula	128
furcata	187
genus	128
Monohammus scutellatus	41
Mosquitoes	36
Musca domestica	38
Muscidae	36
Musculature of oviduct of domestic fowl	8
Mycetophilidae	30
Mycetophilidae of North America	125
Mycetobia divergens	31
Mycomya, genus	165
angulata	186
appendiculata	181
biseriata	178
brevivittata	176
calcarata	173
flavohirta	182
hirticollis	181
imitans	177
incompta	186

	PAGE
<i>littoralis</i>	170
var. <i>frequens</i>	171
<i>marginalis</i>	177
<i>maxima</i>	179, 188
<i>mendax</i>	182
<i>meridionalis</i>	182
<i>nigricauda</i>	176
<i>nugatoria</i>	183
<i>obliqua</i>	174
<i>obtruncata</i>	172
<i>onusta</i>	184
<i>recurva</i>	185
var. <i>chloratica</i>	185
<i>sequax</i>	172
<i>sigma</i>	180
<i>simplex</i>	173
<i>tantilla</i>	175
<i>Nematus erichsonii</i>	42
<i>Noempheria</i> , genus	157
<i>balioptera</i>	164
<i>didyma</i>	160
<i>illustris</i>	163
<i>impatiens</i>	161
<i>indulgens</i>	162
<i>macularis</i>	159
<i>maculipennis</i>	163
<i>nepticula</i>	160
Oats, green sprouted for poultry food	75
Orthoptera	30
Oviduct, cranial end, relation to ovary	12
musculature of the ligaments	8
of the domestic fowl, ligaments	1
development	2
Paratinia, genus	144
<i>recurva</i>	144
<i>Pemphigus ulmifusus</i>	194, 220
<i>venafuscus</i>	30
<i>Pegomyia</i> sp.	38
Pine borer	41
<i>Pityophthorus coniperda</i>	40
<i>Plum curculio</i>	40
Plymouth Rock fowls, characteristics	84
<i>Polylepta</i> , genus	145
<i>fragilis</i>	147
<i>leptogaster</i>	147
<i>nigellus</i>	148
<i>obediens</i>	147
<i>grisea</i>	149

	PAGE
Poultry feeds and methods of feeding	65
green food for	75
hybrid, color	87
down color of chicks	108
egg production	100
hatching, mortality and sex	90
inheritance of body shape	114
inheritance of comb form	109
inheritance of shank color	107
studies on	84
methods of feeding	73
methods of freeing from lice	78
notes	65
technical studies	116
<i>Psylla floccosa</i>	29
Publications	IX
Pullets, laying, methods of feeding	66
Rhyphidae	35
<i>Rhyphus punctatus</i>	35
San Jose scale	28
<i>Schizoneura americana</i>	194, 223
<i>Rileyi</i>	235
<i>Sciophila</i> , genus	132
<i>fasciata</i>	143
<i>galbana</i>	136
var. <i>germana</i>	137
var. <i>socia</i>	137
<i>habilis</i>	138
<i>hebes</i>	139
<i>hirta</i>	143
<i>impar</i>	140
<i>incallida</i>	139
<i>mirandula</i>	136
<i>novata</i>	140
<i>nugax</i>	137
<i>pallipes</i>	142
<i>popocatepetli</i>	143
<i>quadratura</i>	136
<i>similis</i>	142
<i>severa</i>	141
table of species	134
<i>Sciophilinae</i> , habits and early stages	125
table of genera	126
Scolytid beetles	40
Shot borer	41
<i>Sipha glyceriae</i>	241
Spindle worm	23
Sprays for apples	390

	PAGE
Sprouting closet for poultry food	76
Staff, changes	XII
Sweet corn, experiments in breeding	249
Symdobius oblongus	245
Tetragoneura, genus	130
bicolor	132
nitida	131
peritula	131
pimpla	132
Tetraneura colophoidea	193
graminis (colophoidea)	208
ulmi	194, 219
ulmisacculi	194, 216
Tipulidae	32
Trichocera regelationis	34
Typhlocyba comes	29
Weather observations	393
Wire forms	40
Wooly bear caterpillars	27
Xyleborus dispar	41

INDEX TO REPORTS FOR THE YEARS 1906 TO 1910, AND TO BULLETINS 125 TO 186 INCLUSIVE.

In each reference the first two figures indicate the year. Thus, '10, 23 indicates page 23 of the report for 1910.

<i>Achatodes zeae</i>	'10, 23
<i>Acrobasis</i> (<i>Phycis</i>) <i>rubrifasciella</i>	'08, 356; '10, 22
<i>Acronycta americana</i>	'06, 226
<i>dactylina</i>	'06, 226
<i>Adalia bipunctata</i> , feeding on potato plant louse	'07, 248
<i>Adelges abieticolens</i>	'09, 279
<i>coccineus</i>	'09, 279
<i>strobilobius</i>	'09, 279
<i>Adimonia cavicollis</i>	'07, 280
<i>Adoxus vitis</i>	'07, 280
<i>Aedes abfitchii</i>	'06, 225
<i>canadensis</i>	'06, 225
<i>fitchii</i>	'06, 225
<i>fuscus</i>	'06, 225
<i>sollicitans</i>	'06, 225
<i>subcantans</i>	'06, 225
<i>sylvestris</i>	'06, 225
<i>Agrilus ruficollis</i>	'07, 280
Air potato	'08, 220
<i>Alcothoe caudata</i>	'08, 358
Alder blight	'06, 216
Alfalfa	'09, 98
co-operative experiments	'06, 35
directions for culture	'06, 39
seed, results of inspection	'06, 12; '07, 30
Alligator pear or avocado	'08, 220
Allspice or pimento	'06, 256
analyses	'06, 262
Alsike seed, results of inspection	'06, 11, 18; '07, 5
<i>Alternaria solani</i>	'07, 287; '09, 2
<i>Ampelophaga chœrilus</i>	'06, 226
<i>Amphicoma lupina</i>	'07, 280
<i>Amphion nessus</i>	'06, 226
<i>Anaphothrips</i>	'10, 30
<i>Anasa tristis</i>	'08, 364

	PAGE
Anatis 15-punctata	'06, 227
Ancyclus nubeculana	'10, 26
Anisota rubicunda	'08, 354
virginiensis	'08, 353
Announcements	'06, v; '07, 4; '09, 6
Anopheles	'10, 36
punctipennis*	'06, 225
quadrinaculatus	'06, 225; '07, 282
Ant attack on plant lice	'07, 272
Anthobium pothos	'07, 280
Anthonomus signatus	'07, 270
Apemon	'09, 241
gracilis	'09, 243
maudæ	'09, 244
nigriventris	'09, 245
pectoralis	'09, 243
pulchra	'09, 244
Aphid galls	'07, 278
Aphid genera in Maine	'10, 241
Aphididae	'08, 364; '10, 29
Aphids of the elm	'10, 193
Aphis infesting potato vines	'06, 216
potato	'07, 235
Aphrophora parallella	'08, 363
Apple diseases	'09, 185; '10, 337
Alternaria decay	'10, 365
Baldwin spot	'10, 349
bitter rot	'10, 363
Botrytis decay	'10, 365
black rot	'10, 362
brown rot	'10, 364
crotch injury	'09, 17; '10, 344
cultural studies	'09, 192
Cylindrosporium fruit spot	'10, 350
Endomyces decay	'10, 367
frost bands on fruit	'10, 344
frost injury of leaves	'10, 344
Fusarium decay	'10, 366
hail injury	'10, 351
Hypochnus decay	'10, 366
inoculation experiments	'09, 186
leaf spot	'10, 348
lichens on trees	'10, 351
literature cited	'09, 199
Penicillium or blue mold decay	'10, 363
Phoma decay	'10, 365
pink rot	'10, 364
powdery mildew	'10, 361

	PAGE
Rhyzopus decay	'10, 368
rots	'09, 3
russeting or spray injury of fruit	'10, 346
rust	'10, 360
scab	'06, 69; '09, 4; '10, 352
sooty blotch and fly speck	'10, 358
Sphaeropsis leaf spot	'10, 358
stag horn	'10, 351
trees affected by weather	'09, 12
winter injury	'10, 341
diseases of wood	'10, 368
bitter rot canker	'10, 373
blight (bacterial) canker	'10, 374
canker and twig-blight	'10, 368
Coryneum and Phoma cankers	'10, 374
crown gall	'10, 375
Cytospora canker	'10, 374
Myxosporium canker	'10, 373
Sphaeropsis canker	'10, 372
wood destroying fungi	'10, 376
insects in Maine	'07, 265
leaf sewer	'07, 281; '10, 26
maggot	'06, 221
non-parasitic diseases	'10, 341
orchard sanitation	'10, 377
orchards (See Orchards)	'06, 65
parasitic diseases	'10, 352
preparation of sprays	'10, 379
sphinx	'07, 281
systematic breeding	'06, 171
Apples, seedling, descriptive list	'07, 118
August Greening	'07, 118
Bailey Golden	'07, 118
Black Oxford	'07, 118, 119
Briggs	'07, 121
Cherryfield	'07, 118, 121
Deane	'07, 121
Dudley	'07, 122, 123
Emery	'07, 122
Fairbanks	'07, 122
Franklin Sweet	'07, 122, 123
Harmon	'07, 125
Hayford Sweet	'07, 125, 127
Haynes Sweet	'07, 125, 127
King Sweet	'07, 126
Legacé	'07, 126, 131
Marlboro	'07, 126, 144
Litchfield Pippin	'07, 126

	PAGE
Monroe Sweet	'07, 129
Moses Wood	'07, 129
Narragansett	'07, 129
Nelson	'07, 129
Nutting	'07, 130, 131
Quince	'07, 130
Rolfe	'07, 130
Runnels	'07, 133
Russell	'07, 133
Sarah	'07, 133
Somerset	'07, 137
Stanley	'07, 133
Starkey	'07, 134, 135
Stevens Gilliflower	'07, 134
Stowe	'07, 134, 135
Tabor	'07, 137, 144
Winn Russet	'07, 137
Winthrop Greening	'07, 138, 139
Winthrop Pearmain	'07, 138
Zachary Pippin	'07, 138
suggestions as to handling	'06, 17
terms used in describing	'07, 117
when and how to spray	'10, 390
Archips cerasivorana	'07, 264
fervidana	'07, 265
Argyroploce abietana	'08, 355
Arsenious oxide	'08, 112
Ascospora beyerinckii	'09, 195
Asindulum	'09, 234
coxale	'09, 234
flavum	'09, 235
montanum	'09, 234
Ash clusters	'08, 367
in beef scraps	'06, 98
timber beetle	'07, 280
Avocado or alligator pear	'08, 220
Bacillus amylovorus	'09, 18
phytophthorus	'09, 311
solanicola	'09, 311
solanisaprus	'07, 325; '09, 311
Bacteria as an aid in growing legumes	'06, 28
Baking powders, acid phosphate	'06, 254
alum	'06, 254
chief classes	'06, 251
cream of tartar	'06, 253
descriptive list	'06, 253
Balanced diet	'06, 144
Banasa dimidiata	'06, 227

	PAGE
Barley, seed, results of inspection	'06, 13; '07, 46
Basilona imperialis	'08, 358
Bean worm	'08, 358
Beef scraps	'07, 111
analyses	'06, 88; '07, 103; '08, 175
ash contents	'06, 98
Beetles	'07, 270; '10, 39
Bibliography, fertility and hatching of eggs	'09, 157
Biology publications, 1908	'08 ix
Birch leaf bucculatrix	'10, 24
sawfly	'07, 270
enemies of saddled prominent	'08, 347
Bitter rot of apple, treatment	'09, 10
Blackberry culture	'06, 173
Black-horned Callidium	'07, 280
Black leg of potato	'07, 288, 323; '09, 310
character and appearance	'09, 312
economic aspects	'09, 319
geographical distribution	'09, 318
means of distribution	'09, 315
means of prevention	'09, 323
spread by decayed seed tubers	'09, 317
Blight and rot of the potato	'09, 1, 165
early, of potatoes	'07, 287
late, of potatoes	'07, 287
resistant potatoes	'09, 92
Blind-eyed Sphinx	'07, 281
Blister beetles	'07, 277; '08, 366
Bolitophila	'09, 219
cinerea	'09, 219
disjuncta	'09, 218
fusca	'09, 219
hybrida	'09, 219
montana	'09, 220
Bolitophilinae	'09, 217
Bordeaux mixture, formula	'08, 117; '09, 174
mixture, prepared	'08, 119
mixtures compared	'08, 120
for apple scab	'09, 9; '10, 380
sal, for potato blight	'06, 34
wet, vs. dust spray for potato blight	'07, 289
Brachyacantha ursina	'07, 280
Brachys aërosa	'07, 270; '08, 362
Bread, brown, composition	'06, 140
digestibility	'06, 142
white, composition	'06, 140
digestibility	'06, 142
Breeding of fruits	'06, 150

	PAGE
from asexual parts	'06, 159
stock catalogue	'08, 267
Brewers' grains	'07, 108; '08, 182
analyses	'07, 99
Bridge grafting	'06, 75
Broilers, method of finishing	'06, 121
Brooder houses	'06, 103; '07, 146; '09, 34
Go-well farm	'06, 109
modifications	'09, 34
utilization in winter	'07, 152
Brown bread, composition	'06, 140
digestibility	'06, 142
formula	'06, 139
Brown-tail moth	'10, 24
Brown-tail moth, description	'06, 210; '07, 261, 281
legislation	'06, 213
poisonous qualities	'06, 211
remedial measures	'06, 212
winter nests	'06, 210
and gypsy moths	'08, 352
Bucculatrix canadensisella	'10, 24
pomifoliella	'06, 226
Buckwheat, seed, results of inspection	'07, 46
Bud moth	'06, 224
Buildings	'07, viii; '08, xii
for poultry	'09, 32
Bulletins issued during the year	'07, v; '08, vii
Bumble flower beetles	'10, 39
Buprestids	'07, 270
Butter, standards	'06, 235
Butterflies and moths	'10, 22
Cabbage maggot	'07, 282; '10, 38
Cacoecia cerasivorana	'06, 227
fervadana	'06, 227
Callipterus betulæcolens	'07, 272
Callidium antennatum	'07, 280
Calosoma calidum	'07, 262
Camptobrochis grandis	'06, 291
Candy, standards	'06, 240
Canthophorus cinctus	'08, 364
Carpocapsa pomonella	'06, 221; '10, 27
Carabid beetles	'07, 274
Carolina locust	'07, 269
Carpophilus hemipterus	'10, 39
Cassava	'08, 221
Cassia and cinnamon	'06, 265
analyses	'06, 262
Catocala relictæ	'06, 226

	PAGE
Cayenne or red pepper	'06, 261
pepper, analyses	'06, 274
Cecropia moth	'06, 294
Ceratonia amyntor	'07, 281
quadricornis	'06, 226
Cereal food products, standards	'06, 236
products, analyses	'08, 226
grains, relative composition	'06, 134
Ceroplastinae	'09, 233
Ceroplastus	'09, 235
carbonarius	'09, 236
clausus	'09, 237
militaris	'09, 237
terminalis	'09, 236
Cerotelion	'09, 238
apicalis	'09, 239
bellulus	'09, 239
longimanus	'09, 240
Cerura borealis	'06, 226
Cheese, standards	'06, 235
Chermes abieticolens	'09, 277
bibliography	'09, 289
migrations	'09, 282
abietis	'06, 227; '09, 203, 279, 290
bibliography	'09, 293
consolidatus	'09, 297
flocus	'09, 283, 299
green-winged	'09, 203
host plants	'09, 296, 301, 306
in Europe	'09, 306
lariciatus	'09, 294
laricifoliae	'09, 296
methods of study	'09, 304
new species	'09, 306
of Maine conifers	'09, 277
key to	'09, 306
remedial measures	'09, 287, 293
pine leaf	'09, 201, 277
pinicorticis	'09, 278, 303
pinifoliae	'09, 201, 277, 281
bibliography	'09, 288
similis	'09, 301
strobilobius	'09, 297
wing vein nomenclature	'09, 305
Cherry leaf beetle	'07, 280
Cherry-tree tortrix	'07, 264
Chestnuts, composition	'06, 146
digestion, experiments with	'06, 146

	PAGE
Chickens, care of	'06, 119
methods of feeding	'07, 173
method of rearing	'08, 206
Chick leg band bender	'08, 258
Chicks, amount of food required	'06, 121
Chilocorus bivulnerus	'06, 227
Chionaspis salicis	'06, 227
Cider vinegars, analyses	'06, 279
Cigar case bearer	'10, 26
Cimbex americana	'06, 228
Cinnamon and cassia	'06, 257
analyses	'06, 262
Circulars	'06, 283
Clams, oysters and scallops, analyses	'08, 11
Clark method of growing grass for hay	'06, 25
Clisiocampa Americana	'06, 295; '07, 264
disstria	'07, 263
Clover seed, results of inspection	'07, 5
Cloves	'06, 258
analyses	'06, 264
Clytanthus ruricola	'07, 280
Cockerels, feeding for market	'07, 177
Cocoa and cocoa products, standards	'06, 248
Cocoonut	'08, 221
Coffee, standards	'06, 248
Coleophora fletcherella	'10, 26
laricella	'06, 218, 227
Coleoptera	'07, 280; '10, 39
Colopha ulmicola	'10, 193, 196
compressa	'10, 193
Concentrated feeding stuffs, choice of	'06, 99
feeds, weight per quart	'06, 100
Condimental foods	'06, 98
Condiments standards	'06, 241
Coniothyrium pirina	'09, 186
Conotrachelus nenuphar	'08, 363; '10, 40
Contagious disease of saddled prominent	'08, 344
Coptocyca purpurata	'06, 227
signifera	'06, 227
Corimelæna pulcaria	'07, 274
Corn, analyses	'08, 230
and oat feeds, analyses	'07, 100; '08, 169
as a food for man	'06, 133
cockle in wheat offals	'08, 198
effects of popping	'08, 229
hulled, digestibility	'08, 231
production in the United States	'06, 133

	PAGE
products, average composition	'06, 137
digestibility	'06, 138
sweet, experiments in breeding	'10, 249
production by states	'10, 249
Cornish Indian game fowls, characteristics	'10, 84
Correspondence	'07, v
Corticaria ferruginea	'08, 362
Corticium vagum var. Solani	'07, 325
Coryneum beyerinckii	'09, 191
follicolum	'09, 186
Corythuca pergandei	'06, 222
Cosmopepla carnifex	'06, 214; '07, 274, 276
Cottonseed feed	'06, 91; '07, 106
analyses	'07, 97
meal	'06, 90; '07, 104; '08, 176
analyses	'06, 83; '07, 95; '08, 161
Cottony grass scale	'08, 363; '10, 28
Council, changes	'07, vii
Cover crops for orchards	'07, 57
Crab grass seed, results of inspection	'06, 24
Crane flies	'10, 32
Crate fattening of poultry	'08, 205
Cream of tartar	'08, 46
standard	'06, 235
Crepidodera helixines	'07, 280
Cresol soap	'09, 37; '10, 83
disinfecting solution	'10, 82
Crimson clover seed, results of inspection	'06, 11; '07, 13
Criocephalus agrestis	'07, 280
Crioceris asparagi	'06, 227
Cræsus latitarsus	'07, 272
Cross-fertilization of plants	'06, 155
Crossing, limits of	'06, 157
to produce new varieties	'06, 155
Crotch injury of apple trees	'09, 17
Cryptorhynchus lapathi	'07, 280; '08, 363
Cryptocephalus notatus	'07, 280
Ctenophora apicata	'10, 32
Culex atropalpus	'10, 26
saxatilis	'10, 36
Culicidæ	'10, 36
Cucumber beetles	'07, 271
Curculio	'07, 269, 283
Currant fruit fly	'10, 36
span worm	'07, 281
Curtain front houses for hens	'07, 156; '08, 204
Cylindrosporium pomi	'09, 189

	PAGE
<i>Datana angusii</i>	'06, 226
<i>major</i>	'08, 357
<i>ministra</i>	'06, 224
<i>Deilephila chamænerii</i>	'06, 226
<i>galli</i>	'08, 356
<i>lineata</i>	'06, 226
<i>Dendroctonus terebrans</i>	'08, 362
<i>Dermestes vulpinus</i>	'08, 361
<i>Diabrotica vittata</i>	'07, 271
<i>Diacrisia virginica</i>	'08, 358; '10, 27
<i>Diadocidia</i>	'09, 231
<i>borealis</i>	'09, 233
<i>ferruginosa</i>	'09, 232
<i>flavicans</i>	'09, 232
<i>terricola</i>	'09, 232
<i>Diadocidiinæ</i>	'09, 231
<i>Diastrophus cuscutæformis</i>	'06, 228
<i>Dibolia borealis</i>	'07, 272, 280; '08, 359
<i>Dichætoneura leucoptera</i>	'07, 265
<i>Dichelonycha elongata</i>	'07, 280
<i>testacea</i>	'07, 280
<i>Diedrocephala versuta</i>	'06, 227
Diet, balanced	'06, 144
simple compared with mixed	'06, 142
Digestibility of corn products	'06, 138
of hulled corn	'08, 231
Digestion experiments with chestnuts	'06, 146
with corn products	'06, 138
<i>Diomonus</i> , genus	'10, 153
<i>bifasciatus</i>	'10, 154
<i>magnificus</i>	'10, 155
<i>nebulosus</i>	'10, 155
Diptera	'07, 282; '10, 30
Dipterous galls	'07, 278
Diseases of plants in 1908	'09, 1
Disinfectant, liquor cresolis compositus	'09, 36
<i>Disonycha 5-vittata</i>	'07, 280
<i>Dissosteira carolina</i>	'07, 269
Distilled vinegars, analyses	'06, 281
Distillers' grains	'06, 93; '07, 108; '08, 182
analyses	'07, 98; '08, 166
<i>Ditomyia</i>	'09, 227
<i>euzona</i>	'09, 227
Downy psyllid of alder	'10, 29
<i>Drosophila amcena</i>	'06, 222
<i>busckii</i>	'10, 37

	PAGE
Drug and food inspection	'08, 1
Dry mash feeding	'08, 205
for laying pullets, composition	'10, 69
rot of the potato	'09, 2
Dryocampa rubicunda	'07, 263, 285
Dust spray vs. wet bordeaux for potato blight	'07, 289
Dwarf pears	'07, 59
Dyes, chemicals and preservatives in foods	'08, 5
Dziedzickia, genus	'10, 150
fuscipennis	'10, 152
pullata	'10, 151
Early blight of potato	'07, 287
Egg distributing and turning table	'08, 250
fertility and hatching, relation between	'09, 112
term defined	'09, 111
fruit or marmalade plum	'08, 223
hatching records	'08, 270
producing ability, inheritance of	'09, 49
production, breeding for	'08, 206
correlation between mother and daughters ..	'09, 61
details of experiments	'09, 50
distribution with unregistered pullets	'09, 74
in hybrid and pure bred pullets	'10, 100
in hens, breeding for	'06, 114
measurement	'09, 46
of daughters of 200-egg hens	'09, 49
of Plymouth Rock pullets	'10, 71
of registered and unregistered pullets	'09, 73
physiology of	'09, 29
seasonal distribution	'09, 41
record sheets	'09, 39
records	'06, 118
records, conclusions from	'08, 210
of mothers and daughters	'09, 51
of registered hens	'09, 53
study of	'08, 208
Eggs, chick-producing capacity	'06, 131
effects of long and short mating	'06, 131
fertility and hatching	'09, 105
bibliography	'09, 157
in second year	'09, 136
hatchability at different seasons	'06, 129
infertile, percentage produced	'09, 123
relation between production and hatching quality	'09, 133
of fertility to hen	'09, 122
of production to fertility	'09, 128
testing for fertility	'09, 110
time required to establish fertility	'6, 128

	PAGE
triple yolked	'10, 122
value affected by distribution	'09, 45
variation in fertility and hatching quality	'09, 119
with age	'09, 30
Elateridæ	'10, 40
Elm leaf-curl	'06, 291
Empalia, genus	'10, 149
tibialis	'10, 150
Enarmonia prunivora	'10, 27
Enchenopa binotata	'06, 227
Endomyces from decaying apple	'10, 45
decipiens	'10, 47
Magnusii	'10, 47, 55
coprophilus	'10, 47
mali	'10, 45
cultural characters	'10, 48
relation of growth to acids	'10, 51
thermal death point	'10, 54
classification	'10, 61
description of species	'10, 63
meliolincola	'10, 47
scytonematum	'10, 47
parasiticus	'10, 47
Entomology publications, 1908	'08, x
Entomophthora grylli	'07, 270
Epicauta pennsylvanica	'07, 277
Epicoccum granulatum	'09, 189
Epitrix cucumeris	'05, 214
Epochra canadensis	'10, 36
Eriocampa cerasi	'06, 228
Eriopeltis festucae	'08, 363; '10, 28
Eriophyes fraxini	'08, 367
fraxiniphila	'08, 367
Estigmene acraea	'08, 358; '10, 27
Euchistus tristigma	'07, 276, 283
Eudicrana, genus	'10, 129
obumbrata	'10, 129
Eudryas grata	'06, 226
unio	'06, 226
Eufitchia ribearia	'07, 281
Eulecanium quercitronis	'06, 227
Eumenes fraternus	'06, 228
Euphoria inda	'10, 39
Euphrosyne	'09, 265
Euproctis chrysorrhœa	'06, 209; '07, 281
Euvanessa antiopa	'06, 224
Exochus albifrons	'07, 265
Extracts, flavoring, standard	'06, 243

	PAGE
Fall web-worm	'10, 22
False crane flies	'10, 35
Fecundity in hens, inheritance of	'09, 49
significance of term	'09, 81
Feeding stuffs, analyses	'06, 81; '07, 95; '08, 161
concentrated, kind to purchase	'07, 111
cost of protein	'06, 99; '07, 112
guaranty	'08, 158
inspection	'06, 83; '07, 93; '08, 157
law	'06, 81; '07, 93
Feed troughs for pullets	'06, 122
Feeds, concentrated, weight per quart	'06, 100
Feniseca tarquinius	'06, 217
Fertility and hatching of eggs	'09, 105
and plant food	'07, 65
in eggs, time required to establish	'06, 128
Fertilizers, analyses	'06, 179; '08, 93, 280
analyses, comparisons for three years	'07, 205
analyses, manufacturer's samples	'06, 55; '07, 221
station samples	'07, 207
constituents	'06, 50; '07, 67; '08, 87
home mixed, formulas	'09, 86
home mixed, for potatoes	'06, 41
experiment with garden peas	'06, 30
experiments with potatoes	'09, 85
inspection	'06, 49, 177; '07, 65, 203; '08, 85, 275
list of manufacturers' samples	'07, 72, 221
list of station samples	'07, 206
multiplication of brands	'06, 195
rule for calculating valuation	'06, 64; '07, 71
summary of results of analyses	'07, 222
valuation	'06, 52; '07, 69; '08, 89
variation in composition	'06, 196
Fertilizing elements excreted by steers	'06, 47
ingredients, trade values	'06, 53; '07, 70; '08, 90
Field experiments in 1905	'06, 25
in 1906-8	'09, 85
Fiery-hunter	'07, 262
Fir tree sawfly	'07, 272
Fish, salt, analyses	'08, 7
Fisher formula	'08, 139
Flavoring extracts, standards	'06, 243
Flea beetle	'07, 272
Flours, graham, examination	'08, 234
Food and drug guaranty	'08, 3
inspection	'08, 1
inspection	'06, 251; '07, 187
law	'06, 229

	PAGE
law, national	'06, 250
of man studies	'08, 219
products, miscellaneous	'08, 226
standards	'06, 231
Forest outbreak of saddled prominent	'08, 350
caterpillars	'10, 22
tent caterpillar	'07, 263
Formaldehyde gas, method of generating	'07, 89, 306
disinfection of seed potatoes	'07, 315
for blackleg	'09, 324
for potato scab	'07, 304
Fowl, domestic, ligaments of the oviduct	'10, 1
Fragaria ananassa	'06, 166
chiloensis	'06, 165
cultivated species	'06, 164
grandiflora	'06, 166
virginiana	'06, 164
Frontina archippivora	'10, 38
Fruits and vegetables, standards	'06, 237
tropical	'08, 219
Fruit, suggestions as to handling	'06, 77
systematic breeding	'06, 150
tree caterpillars	'10, 26
trees affected by weather	'09, 12
Fungus disease of insects	'08, 366
gnats	'10, 30
characters	'09, 210
habits and economic relations	'09, 214
North American	'09, 209; '10, 125
remedial measures	'09, 216
table of subfamilies	'09, 216
Fusarium oxysporium	'09, 2
Gall aphids of the elm	'10, 193
insects	'07, 267
mites	'08, 367
Galls on spruce	'09, 203, 284, 290
Garden caterpillars	'10, 27
fleas	'06, 225
Germicide, liquor cresolis compositus	'09, 36
Germination hindered by a mold	'08, 197
Ginger,	'06, 258
analyses	'06, 266
Glomerella rufomoculans	'09, 10
Glucose products, standards	'06, 240
Gluten feeds, analyses	'06, 84; '08, 166
meals and feeds	'06, 93; '07, 98, 107; '08, 179
Go-well poultry farm	'06, 109
Grafting, bridge	'06, 75

Graham flours	'08, 234
Grains and meals, standards	'06, 236
Grapes, selection and breeding	'06, 168
Grape leaf hopper	'10, 29
Grape vine flea-beetle	'07, 280
Grass, fertilizer	'06, 26
for hay, Clark method	'06, 25
Grasshopper fungus	'07, 270
mites	'08, 366
Grasshoppers	'07, 269; '08, 365
injury to potato vines	'07, 277
Grass thrips	'10, 30
Green winged Chermes	'09, 203
striped maple worm	'08, 354
Ground beetles, feeding notes	'07, 274
Gymnetron teter	'07, 280
Gypsy moth	'07, 261; '08, 352; '10, 22
legislation	'06, 213
Hadroneura, genus	'10, 162
kincaidi	'10, 153
Haltica carinata	'07, 280
Halisidota caryæ	'06, 226
Harvest fly	'06, 222
Harvester caterpillars	'06, 217
Hasty pudding, digestibility	'06, 142
Hatchability of eggs at different seasons	'06, 129
Hatching records	'08, 270
Hemaris thysbe	'06, 226
Hemiptera	'10, 28
Hen, ligaments of the oviduct	'10, 1
Hendersonia mali	'09, 186
Hens, see Poultry	
breeding for increased egg protection	'06, 114; '08, 206
conditions of breeding	'09, 108
experiments with	'07, 145
extermination of lice	'07, 174
houses for laying and breeding	'07, 153
method of feeding	'06, 124; '07, 145; '10, 73
registered, records	'09, 53
relation to fertility of eggs	'09, 122
tests of inheritance of fecundity	'09, 60
succulent foods and clover	'06, 127
whole and cracked corn for	'07, 180
Hen yards and green food	'07, 165
Hesperinus	'09, 220
brevifrons	'09, 221
Hesperodes	'09, 241
johnsoni	'09, 241

	PAGE
Heterocampa guttivitta	'07, 262; '08, 311, 353; '10, 22
Highmoor Farm	'09,
Hippiscus tuberculatus	'06, 228
Hippodamia 13-punctata, feeding on potato plant louse	'07, 248
Historical notes	'07, vi, '08, vii; '10,
Honey	'08, 15
analyses	'08, 17
Hulled corn, digestibility	'08, 231
Hymenopterous parasites	'08, 365
Hoe-cake, composition	'06, 140
digestibility	'06, 142
formula	'06, 139
Home mixed fertilizers for potatoes	'06, 41
Hominy, digestibility	'06, 142
feeds, analyses	'07, 101
Honey, standards	'06, 240
Hoplia trifasciata	'07, 280
Hospital house for poultry	'09, 32
Horn shouldered sphinnx	'07, 281
House or typhoid fly	'10, 38
Hungarian grass seed, results of inspection	'06, 12; '07, 45
Hybernia tiliaria	'07, 281
Hybridization for improvement of plants	'06, 155
Hylesinus aculeatus	'07, 280
Hymenoptera	'07, 282; '10, 42
Hymenopterous galls	'07, 278
parasites	'07, 265
Hyperchiria io	'07, 281
Hyphantria cunea	'10, 22
Ice cream, standards	'06, 236
Ichneumon	'06, 228
Imperial moth	'08, 358
Incubator baskets	'08, 257
house	'06, 102
room of Go-well farm	'06, 109
records	'08, 271
Indian corn as a food for man	'06, 133
Inoculation of soil for legumes	'06, 28
Insect enemies of saddled prominent	'08, 340
Insect notes	'06, 209; '07, 261; '08, 351; '10, 21
Insects affecting the pine	'09, 28
collected in 1907	'07, 280
identified	'06, 226
Inspections, feeding stuffs	'06, 81; '07, 93; '08, 157
fertilizer	'06, 49, 177; '07, 65, 203; '08, 85, 275
food	'06, 229, 251; '07, 187
food and drug	'08, 1
publications, 1908	'08, xi

	PAGE
Inspector, work of	'08, 5
seed	'06, 1; '07, 1; '08, 49
Internal brown spot of potato	'07, 288, 318
Io moth	'07, 281
Isomira quadristriata	'07, 280
Italian chestnuts, digestibility	'06, 146
Japanese millet seed, results of inspection	'07, 46
Jelly, standards	'06, 238
Johnny-cake, composition	'06, 140
digestibility	'06, 142
formula	'06, 139
June beetle	'06, 285
Kentucky blue grass seed, results of inspection	'06, 16; '07, 30
Knight, Thomas Andrew, work of	'06, 152
Labronchus	'07, 265
Lace bugs	'06, 222
Lachnosterna	'06, 227
fusca	'06, 285
Lapara bombycoides	'08, 358
Larch case-bearer	'06, 218
sawfly	'08, 304; '10, 42
Lard, standards	'06, 234
Late blight of potato	'07, 287
Lawn seed, results of inspection	'06, 16, 24
Leaf blights of the potato	'09, 1
Leaf-spot of apple, treatment	'09, 10
Legumes, soil inoculation	'06, 28
Lepidoptera	'07, 281; '10, 21
Leptoterna dolabrata	'08, 363
Lesser apple worm	'10, 27
Lice on poultry, remedy	'10, 78
Ligaments of the oviduct of the domestic fowl	'10, 1
Lime as affecting potato scab	'09, 4
effects on clover	'09, 102
in seeding down	'09, 101
Lime-sulphur sprays	'10, 384
Lime tree winter moth	'07, 281
Limed soils and potato scab	'07, 316
Limmeria guignardi	'06, 224, 228; '07, 282
Lina lapponica	'07, 280
Linseed meal	'08, 179; '07, 107; '06, 91
analyses	'08, 165
oil meal, analyses	'07, 97
Liquor cresolis compositus	'10, 82
Liquor cresolis compositus as a germicide	'09, 36
Lophyrus abietis	'07, 272; '08, 365; '10, 42
Loquat	'08, 223
Lygus pratensis	'06, 214, 227; '07, 273; '08, 364

	PAGE
Mace	'06, 259
analyses	'06, 268
Macrobasis unicolor	'07, 277
Macrocentrus	'07, 265
Macrocera	'09, 265
clara	'09, 271
concinna	'09, 272
diluta	'09, 267
formosa	'09, 270
geminata	'09, 272
hirsuta	'09, 269
immaculata	'09, 269
inconcinna	'09, 268
nebulosa	'09, 269
Macrocerinae	'09, 265
Macroductylus subspinosus	'07, 271
Macroneura	'09, 231
Macrops vitticollis	'07, 272
Maine seedling apples, Aroostook	'07, 118
descriptive list	'07, 118
Malachius æneus	'06, 227; '07, 280
Malt vinegars, analyses	'06, 280
Mammoth clover seed, results of inspection	'06, 18; '07, 13
Manure of steers, fertilizing value	'06, 46
money value	'06, 48
value affected by ration	'06, 45
Maple foods, definitions	'07, 190
goods, manufacture	'07, 188
products, branding	'07, 190
description of samples	'07, 191
methods of analysis	'07, 191
sirup, analyses	'07, 201
sugar, analyses	'07, 200
and sirups, standards	'07, 189
Marumba modesta	'06, 226
Mastopoda pteridis	'10, 246
Meats and meat products, standards	'06, 233
Meat meals and ground scraps	'06, 97
Melanoplus bivittatus	'08, 365
femur-rubrum	'07, 269, 277; '08, 365
Meloe augusticollis	'07, 278
Meteorological observations '06, 299; '07, 331; '08, 387; '09, 329; '10, 393	
Mice, injury to orchards	'06, 75
Microparsus variabilis	'10, 30
Milk and its products, standards	'06, 234
value in diet	'06, 145
Mindarus abietinus	'10, 242
Mite galls	'07, 278

	PAGE
Mixed compared with simple diet	'06, 142
feeds	'06, 96
analyses	'06, 86
Molasses	'08, 20
adulterated and misbranded	'08, 28
analyses	'08, 22
and sugar feeds	'07, 109
analyses	'07, 99; '08, 168
compound, analyses	'08, 26
feeds	'06, 94
standards	'06, 239
Monoclonia, genus	'10, 128
elegantula	'10, 128
furcata	'10, 185
Monohammus mormoratus	'07, 280
scutellatus	'08, 362; '10, 41
titillator	'08, 328
Monostegia rosæ	'06, 228
Mosquitoes	'06, 225; '10, 31
Mourning-cloak butterfly	'06, 289
Musca domestica	'10, 33
Muscidæ	'10, 36
Musculature of oviduct of domestic fowl	'10, 8
Mustard	'06, 260
analyses	'06, 270
wild, eradication	'09, 100
Mycetobia	'09, 223
divergens	'09, 223; '10, 31
marginalis	'09, 223
persicæ	'09, 223
sordida	'09, 223
Mycetobiinæ	'09, 222
Mycetophætus	'09, 222
Mycetophilidæ	'10, 30
of North America	'09, 209; '10, 125
Mycomya, genus	'10, 165
angulata	'10, 186
appendiculata	'10, 181
biseriata	'10, 178
brevivittata	'10, 176
calcarata	'10, 173
flavohirta	'10, 182
hirticollis	'10, 181
imitans	'10, 177
incompta	'10, 186
littoralis	'10, 170
var. frequens	'10, 171
marginalis	'10, 177

	PAGE
maxima	'10, 179, 183
mendax	'10, 182
meridionalis	'10, 182
nigricauda	'10, 176
nugatoria	'10, 133
obliqua	'10, 174
obtruncata	'10, 172
onusta	'10, 184
recurva	'10, 185
var. chloratica	'10, 185
sequax	'10, 172
sigma	'10, 180
simplex	'10, 173
tantilla	'10, 175
National pure food law	'06, 250
Nectarophora solanifolii	'06, 215; '07, 235, 273
fungus parasites	'07, 248
description	'07, 251
field observations	'07, 240
insectary observations	'07, 242
methods of combating	'07, 246
natural enemies	'07, 248
Nematus erichsonii	'07, 272; '08, 364; '10, 42
Nessus sphinx	'06, 226
New noctuid for the apple	'08, 356
spruce tortrix	'08, 355
Newspaper bulletins	'06, 283
Nitragin for legumes	'06, 28
Nitrogen in fertilizers	'06, 50; '07, 67
organic, in fertilizers	'07, 67
Noctuid of the apple, new	'08, 356
Noempheria, genus	'10, 157
balioptera	'10, 164
didyma	'10, 160
illustris	'10, 163
impatiens	'10, 161
indulgens	'10, 162
macularis	'10, 159
maculipennis	'10, 163
nepticula	'10, 160
Notolophus antiqua	'06, 224
leucostigma	'06, 224, 226
Nutmeg	'06, 259
Nuts, composition	'06, 146
Nuts, analyses	'08, 226
Oat feed analysis	'07, 101
Oats, green sprouted for poultry food	'10, 75
seed, results of inspection	'06, 13; '07, 46

	PAGE
<i>Oberea bimaculata</i>	'08, 359
<i>Odynerus</i>	'07, 265
<i>Ædemasia concinna</i>	'06, 224
<i>Æstrus ovis</i>	'06, 228
<i>Ogdoconta cinereola</i>	'08, 358
Oils and fats, standards	'06, 246
Oil beetle	'07, 278
Onion maggot	'07, 282
<i>Oospora scabies</i>	'07, 83
Orchard at Orono	'08, 147
cover crops	'07, 57
culture and fertilization	'07, 51
diseases of the year	'09, 3
grass seed, results of inspection	'06, 16
insects in Maine	'07, 265
notes	'06, 65; '07, 51; '08, 125
pruning	'07, 60
renovation	'07, 53; '08, 133
spraying notes	'07, 58
tent caterpillar	'07, 264
top working	'07, 56; '08, 139
trees, annual growth	'08, 128
relative yield	'08, 130
work at New Gloucester	'08, 144
Orchards, cultivation vs. mulch	'08, 132
effects of freezing	'06, 73
effects of potash	'08, 133
injury by mice	'06, 75
insect enemies	'06, 67
pruning	'06, 79
spraying	'06, 65
unbalanced rations	'06, 71
winter injuries	'06, 73
Orthoptera	'10, 30
<i>Osmoderma scabra</i>	'08, 361
Oviduct of the domestic fowl, development	'10, 3
ligaments	'10, 1
physiology of	'09, 20
musculature of the ligaments	'10, 8
cranial end, relation to ovary	'10, 12
<i>Oxyptilus tenuidactylus</i>	'07, 281
Oyster-shell bark louse	'06, 68
Oysters, clams and scallops, analyses	'08, 11
Packing and shipping house, Go-well farm	'06, 114
<i>Pæcillocapsus lineatus</i>	'06, 227
<i>Palæoplatyura</i>	'09, 224
aldrichii	'09, 225
johnsoni	'09, 226

	PAGE
<i>Paonias excæcatus</i>	'06, 226; '07, 281
<i>myops</i>	'06, 226; '07, 281
<i>Papaipema nitela</i>	'06, 227
Papaya, Papaw	'08, 221
Parallel spittle insect	'08, 363
<i>Paratinia</i> , genus	'10, 144
<i>recurva</i>	'10, 144
Paris green	'08, 109
adulterations	'08, 111
comparative fineness	'08, 114
formula	'08, 116
solubility and fineness	'08, 115
Pears, dwarf	'07, 59
varieties and development	'06, 171
Peas, fertilizer experiments	'06, 30
seed, results of inspection	'07, 46
Pedigree incubator baskets	'08, 257
poultry breeding	'08, 239
poultry, breeding methods	'09, 35
records	'08, 262
<i>Pegomyia</i> sp.	'10, 38
<i>Pelecinus polyturator</i>	'06, 286
<i>Pemphigus populimonilis</i>	'06, 227
<i>tesselata</i>	'06, 216
<i>ulmifusus</i>	'06, 227
<i>venafuscus</i>	'10, 30
Pen records	'08, 273
Pen-marked sphinx	'07, 281
<i>Pentatoma juniperina</i>	'06, 214, 217; '10, 194, 220
Pepper, black and white	'06, 260
analyses	'06, 270
red	'06, 261
analyses	'06, 274
white, analyses	'06, 272
<i>Phobetron pithecium</i>	'06, 226
<i>Pholus achemon</i>	'06, 226
<i>Phoma mali</i>	'09, 195
<i>Phorbia brassicæ</i>	'07, 282
<i>ceparum</i>	'07, 282
Phosphoric acid in fertilizers	'06, 51; '07, 68
<i>Phoxopteris nubeculana</i>	'07, 281
<i>Phyllobrotica limbata</i>	'07, 280
<i>Phyllosticta limitata</i>	'09, 187
<i>Phytophthora infestans</i>	'07, 287, 321; '09, 1, 165, 330
Pimento or allspice	'06, 256
analyses	'06, 262
<i>Pimpla conquisitor</i>	'07, 265
<i>pedalis</i>	'08, 365

	PAGE
Pine blight	'09, 21
insect enemies	'09, 28
leaf Chermes	'09, 201, 277
remedial measures	'09, 203
winter injury	'09, 21
borer	'07, 280; '08, 362; '10, 41
hawk moth	'08, 358
Pink rot	'06, 70
Pissodes dubius	'07, 28c
Pityophthorus coniperda	'10, 40
Plaginotus speciosus	'06, 227
Plant breeding, relation to pomology	'06, 149
some results	'06, 163
unsolved problems	'06, 173
lice attacked by ants	'07, 272
louse	'07, 273; '08, 364
diseases in 1908	'09, 1
Plantain flea beetle	'08, 359
Platyura	'09, 246
diluta	'09, 261
divaricata	'09, 265
elegans	'09, 254
elegantula	'09, 264
fasciola	'09, 251
fascipennis	'09, 257
fasciventris	'09, 258
genualis	'09, 262
ignobilis	'09, 257
inops	'09, 252
lurida	'09, 253
melasoma	'09, 255
mendica	'09, 260
mendosa	'09, 259
mimula	'09, 255
moerens	'09, 262
moesta	'09, 259
nigrita	'09, 256
notabilis	'09, 257
parva	'09, 250
pictipennis	'09, 253
pullata	'09, 256
scapularis	'09, 263
setiger	'09, 252
subterminalis	'09, 261
tæniata	'09, 264
Plesiastina	'09, 228
Plum curculio	'07, 283; '08, 363; '10, 40
Plum, production of varieties	'06, 173

	PAGE
Plutella cruciferarum	'06, 223, 227
Plymouth Rock fowls, characteristics	'10, 84
Polylepta, genus	'10, 145
fragilis	'10, 147
leptogaster	'10, 147
nigellus	'10, 148
obediens	'10, 147
grisea.....	'10, 149
Podisus modestus	'07, 262, 277, 285; '08, 364
Polygraphus rufipennis	'07, 281
Pomology, American, development	'06, 153
Pomology and the Maine Station	'08, 154
relation to plant breeding	'06, 149
Pop corn analyses	'08, 230
Poplar and willow borer	'08, 363
Porthetria dispar	'06, 209
Potash in fertilizers	'06, 52; '07, 68
Potato aphid	'07, 235
Potato beetle, Colorado	'06, 213
black leg	'07, 288, 323
blight and weather conditions	'09, 173
blight, early	'07, 287
late	'07, 287
blight, sal Bordeaux for	'06, 34
fertilizers, formulas	'06, 43
insects of Aroostook	'06, 213; '07, 273
diseases	'07, 287; '09, 1
internal brown spot	'07, 288, 313
plant louse	'07, 235
description	'07, 251
remedial measures	'07, 247
scab, see Scab, potato.	
and Bordeaux mixture	'09, 9
on limed soils	'09, 4
remedies	'06, 284
and limed soils	'07, 316
prevention	'07, 81, 304
seed, means of disinfecting	'09, 323
surface spotting	'07, 321
Potatoes, blight resistant varieties	'09, 92
causes of decay	'09, 182
decay in storage	'09, 181
effectiveness of spraying	'09, 180
epidemics of blight and rot	'09, 165
fertilizer experiments	'09, 85
frequency of spraying	'07, 297
high ridge culture	'09, 88
home mixed fertilizers for	'06, 41

	PAGE
improper methods of spraying	'09, 176
light and heavy spraying	'07, 297
seed injured by formaldehyde gas	'07, 314
spraying methods	'07, 301
treatment for scab	'07, 304
trial of fungicides	'09, 96
when to spray	'09, 173
yield with fertilizers	'06, 42
Poultry breeding	'08, 217, 239
breeding methods	'09, 35
stock catalogue	'08, 267
bulletins, list	'06, 101
crate fattening	'08, 205
experiments	'06, 101; '07, 145
feeds	'08, 187
feeds and methods of feeding	'10, 65
houses	'08, 204
houses, description	'06, 105, 110
houses, details of construction	'07, 153
husbandry	'07, 145
hybrid, color	'10, 87
down color of chicks	'10, 108
egg production	'10, 100
hatching, mortality and sex	'
inheritance of body shape	'10, 114
inheritance of comb form	'10, 109
inheritance of shank color	
studies on	'10, 84
green food for	'10, 75
investigations, future work	'08, 216
investigations under way	'08, 215
mating sheet	'08, 264
methods of feeding	'10, 73
methods of freeing from lice	'10, 78
methods of selecting breeding stock	'06, 116
new buildings for	'09, 30
notes	'09, 29; '10, 65
pedigree records	'08, 252
technical studies	'10, 116
technical studies published	'09, 29
work of the station	'08, 203
Poultryman's residence	'06, 102
Predaceous beetles	'07, 273
bug	'07, 262, 277, 285
Prentiss Aroostook complete fertilizer	'08, 102
Preservatives in foods	'08, 5
Prominent caterpillar	'07, 263, 285
moth	'07, 262

	PAGE
Protein in feeding stuffs, cost per pound	'05, 99; '07, 112
Pruning, suggestions on	'06, 79
Pruning notes	'07, 60
Psocids	'06, 228
Psylla floccosa	'10, 29
pyricola	'06, 227
Pterostichus lucublandus	'07, 274
Publications of the Station	'07, v; '10
Publications, biology, 1908	'08, ix
entomology, 1908	'08, x
inspection, 1908	'08, xi
miscellaneous, 1908	'08, viii
Pullets, cost of raising	'06, 124
developing	'06, 122
early maturity and laying qualities	'06, 117
egg records	'06, 118
growing and developing	'07, 177
laying, methods of feeding	'10
Pure food law, national	'06, 250
Railroad worm	'06, 223
Raphanus raphanistrum	'09, 100
Raspberry cane borer	'08, 359
plume	'07, 281
Ratio between nutrients of food	'06, 143
Ration of steers, effect on value of manure	'06, 45
Red clover seed, results of inspection	'06, 9, 17; '07, 17
lead as an insecticide	'07, 329
legged locust	'07, 269
necked blackberry borer	'07, 280
top seed, results of inspection	'06, 15, 23; '07, 31
Red-hump caterpillar	'06, 224
Refuses from milling oats, corn, etc	'07, 109; '08, 185
Reinforced feeds	'08, 183
Rhabdopterus picipes	'07, 281
Rhagium lineatum	'07, 281
Rhagoletis pomonella	'06, 221; '07, 282
tabellaria	'07, 282
Rhizoctonia of potato	'07, 325; '09, 313
Rhodophora florida	'06, 227
Rhopalopus sanguinicollis	'07, 281
Rhynchites cyanellus	'07, 281
Rhyphidæ	'10, 35
Rhyphus punctatus	'10, 35
Ribbed pine borer	'07, 281
Rose chafer	'07, 271
Rose-beetles, feeding notes	'07, 273
Rosy striped oak worm	'08, 353
Rot and blight of potatoes	'09, 165

	PAGE
Rough flower beetle	'08, 361
Rutabaga seed, results of inspection	'06, 24
Rye, seed, results of inspection	'06, 24
Saddled prominent	'08, 311, 353
bird enemies	'08, 347
combatative measures	'08, 349
contagious disease	'08, 344
degree of injury	'08, 339
description	'08, 316
discussion of name	'08, 313
food plants	'08, 331
forest outbreak	'08, 356
habits	'08, 328
insect enemies	'08, 340
natural enemies	'08, 340
present outbreak	'08, 315
seasonal history	'08, 322
seasonal history summary	'08, 327
starvation	'08, 344
Sal Bordeaux for potato blight	'06, 34
Salt fish, analyses	'08, 7
Salt, standards	'06, 250
Samia cecropia	'06, 294
San Jose scale	'10, 28
Saperda calcarata	'07, 281
mæsta	'07, 281
Sapodilla	'08, 223
Sausages, analyses	'08, 13
Saw flies	'08, 364
Scab, plants affected	'07, 82
potato, cause	'07, 83
disinfection of seed	'07, 88
favorable conditions	'07, 84
management of soils	'07, 85, 87
prevention	'07, 81, 304
Scallops, oysters and clams, analyses	'08, 11
Sciaphilus asperatus	'07, 281
Sciara Thomæ	'09, 215
militaris	'09, 215
Schizoneura americana	'06, 291; '10, 194, 223
Rileyi	'10, 235
Schizura unicornis	'06, 226
Schwarzbeinigkeit of potato	'07, 325
Sciophila, genus	'10, 132
fasciata	'10, 143
galbana	'10, 136
var. germana	'10, 137
var. socia	'10, 137

	PAGE
grisea	'10, 136
habilis	'10, 138
hebes	'10, 139
hirta	'10, 143
impar	'10, 140
incallida	'10, 139
mirandula	'10, 136
novata	'10, 140
nugax	'10, 137
pallipes	'10, 142
popocatepetli	'10, 143
quadratura	'10, 136
similis	'10, 142
severa	'10, 141
table of species	'10, 134
Sciophilinæ, habits and early stages	'10, 125
table of genera	'10, 126
Scoliopteryx libatrix	'06, 226
Scolytid beetles	'10, 40
Seedling apples of Maine	'07, 115
Seedlings, selection	'06, 154
Seed inspection	'06, 1; '07, 1; '08, 49
inspection law	'06, 1
testing at home	'05, 3; '07, 1
Seeds collected in 1905	'06, 7
germination hindered by mold	'08, 197
results of analyses	'08, 59
Selection in plant breeding	'06, 154
Self-boiled lime-sulphur for apple scab	'09, 9
Serica sericea	'07, 281
Sesia tipuliformis	'07, 281
Shot borer	'10, 41
Silken serica	'07, 281
Silvanus surinamensis	'06, 227
Sinapis arvensis	'09, 100
Sipha glyceriae	'10, 241
Sirups, standards	'06, 239
Smartweed flea beetle	'06, 214
Smerinthus geminatus	'06, 226
Smynthurus albamaculata	'05, 225
Soil, influence on plant breeding	'06, 158
inoculation for legumes	'06, 28
Sodium benzoate bordeaux	'07, 290
Soldier bug	'08, 364
Sour-sop	'08, 222

	PAGE
Sphinx caterpillar	'08, 356
chersis	'06, 226; '07, 281
drupiferarum	'06, 226; '07, 281
gordius	'06, 226; '07, 281
kalmiae	'06, 226
Sphceropsis malorum	'09, 187
Spices	'06, 255
standards	'06, 241
Spindle worm	'10, 23
Spraying experiments	'08, 143
for plant lice	'09, 203
methods for potatoes	'09, 176
methods, improvements	'07, 301
notes	'06, 65
reason for	'06, 66
results	'06, 66
Sprays for apples	'10, 390
Sprouting closet for poultry food	'10, 76
Spruce bark beetle	'07, 281
cones, insects infesting	'06, 222
gall	'09, 203, 284, 290
sawfly	'08, 365
tortrix, new	'08, 355
Squash bug	'08, 364
Staphylinids	'07, 275
Steers, effect of ration on value of manure	'06, 45
Strawberry, improvement	'06, 164
weevil	'07, 270
Striped cucumber beetle	'07, 271
Sun scald of apple	'09, 18
Sugars, standards	'06, 239
Superphosphates, analyses	'06, 179
Surface spotting of potatoes	'07, 321
Sweet corn, experiments in breeding	'10, 249
potato	'08, 221
Symdobius oblongus	'10, 245
Symmerista (Edema) albifrons	'08, 354
Symmerus	'09, 228
annulata	'09, 231
bifasciata	'09, 229
lauta	'09, 231
lenis	'09, 229
mexicana	'09, 230
tristis	'09, 229
zonata	'09, 229
Syrphus maggots	'06, 217
Systema hudsonias	'06, 214
Tanier or Yautia	'08, 219

	PAGE
Target brand fungicide on potatoes	'09, 96
Tarnish plant bug	'06, 214; '07, 273; '08, 364
Tayote or chayote	'08, 222
Tea, standards	'06, 248
Telamona monticola	'06, 227
Tent caterpillar	'06, 295
Teras minuta	'06, 220, 226
Tetragoneura, genus	'10, 130
bicolor	'10, 132
Tetraneura colophoidea	'10, 193
graminis (colophoidea)	'10, 208
nitida	'10, 131
peritula	'10, 131
pimpla	'10, 132
ulmisacculi	'10, 194, 216
ulmi	'10, 194, 219
Thalessa lunata	'06, 228
Thysbe clear-wing	'06, 226
Tibicen rimosa	'06, 222
Timothy seed, results of inspection	'06, 13, 20; '07, 34
Tinea laricinella	'06, 220
Tingitid	'06, 222
Tmetocera ocellana	'06, 224, 227
Tiphia inornata	'08, 365
Tipulidae	'10, 32
Tolyte velleda	'06, 226; '07, 281
Tomato flea beetle	'06, 214
Tortrix fumiferana	'06, 227
Trade values of fertilizing ingredients	'06, 53; '08, 90
Trap nests	'07, 171
new	'08, 242; '09, 34
Treasurer, report of	'06, 302; '07, 334; '08, 390; '09, 332; '10, 396
Trichius affinis	'07, 281
Trichocera regelationis	'07, 278, '10, 34
Trirhabda canadensis	'07, 281
Trombidium locustarum	'08, 366
Tropical fruits and vegetables	'08, 219
analyses	'08, 224
Troughs for feeding pullets	'06, 122
Trypeta pomonella	'06, 221
Tryxalinæ	'07, 270
Turpentine bark beetle	'08, 362
Tussock moth	'06, 224, 226
Typhlocyba comes	'10, 29
Two hundred-egg hens	'09, 49
Unripe seed, use in plant breeding	'06, 158
Urine of steers, fertilizing value	'06, 46
Urocerus abdominalis	'07, 282

	PAGE
Valuation of fertilizers	'06, 52
Vanessa j-album	'06, 226
Van Mons' theory	'06, 150
Varieties of plants, origin	'06, 150
Vegetables and fruits, tropical	'08, 219
food products, standards	'06, 236
oils and fats, standards	'06, 246
Velleda lappet	'07, 281
Venturia inæqualis	'09, 4
Vinegar, cider, analyses	'08, 36
Vinegars	'06, 276; '08, 28
analyses	'06, 279; '08, 32
branding	'08, 30
collected in 1906	'06, 279
defined	'06, 277
distilled, analyses	'08, 43
standards	'06, 249
sugar	'08, 35
Violation of the fertilizer law	'08, 276
Viscid oil meal	'06, 92
Vitis labrusca	'06, 169
riparia	'06, 196
vinifera	'06, 168
Weather as cause of crotch injury	'09, 17
effect upon fruit trees	'09, 12
observations .. '06, 299; '07, 331; '08, 387; '09, 331; '10, 393	
Weed seeds found in seeds examined	'06, 6; '07, 47
seeds in feeds, State legislation	'08, 201
in feeding stuffs	'08, 189
kinds found in grass seed	'07, 3
list of	'08, 54
Wheat brans and middlings	'06, 96; '07, 110
flours and other cereal products	'08, 228
offals	'08, 187
offals, adulterated	'07, 110
analyses	'07, 101; '08, 171
White clover seeds, results of inspection	'06, 11, 18; '07, 39
grubs and June beetles	'06, 285
pine blight	'08, 366
pine, winter injury	'09, 21
tipped moth	'08, 354
Wild mustard, eradication	'09, 100
Willow borer	'07, 280
and poplar borer	'08, 363
flea beetle	'07, 280

	PAGE
Wing veins of Chermes, nomenclature	'09, 305
Winter injury of white pine	'09, 21
of fruit trees	'09, 12
Wire worms	'10, 40
Wooly bear caterpillars	'10, 27
Xyleborus dispar	'10, 41
Yam	'08, 222
Yautia or tanier	'08, 219
Yellowhead cranberry worm	'06, 220, 226
Yellow-edge butterfly	'06, 224
Yellow-necked caterpillar	'06, 224
Zelmira	'09, 246



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